CHARTER FOR THE

WEAPON SYSTEMS TECHNICAL ARCHITECTURE WORKING GROUP (WSTAWG)

1. **REFERENCES.**

a. Memorandum, HQDA, DACS-ADO, 31 Mar 1995, subject: Beyond the Technical (Information) Architecture.

b. Memorandum, HQDA, SAIS-AD, 2 May 1995, subject: Weapon System Technical Architecture.

c. Department of the Army Technical Architecture.

2. **PURPOSE.** This charter formally establishes the Army's Weapon System Technical Architecture Working Group (WSTAWG) to support the development of the Army Technical Architecture (ATA) by the identification and development of standards for the Army weapon systems domain to include information standards and analogous standards applicable to the embedded system components of weapon systems.

3. **BACKGROUND.**

a. The Army Technical Architecture (ATA) has three mutually supporting objectives. First and foremost, the ATA is to provide interoperability among all tactical, strategic, and sustaining base systems that produce, use, or exchange information electronically. Second, the ATA provides guidelines and standards for system development and acquisition to reduce cost and schedule time, and to accelerate equipment fielding schedules. Third, the ATA will help influence the direction of industry's technology development and R&D investment to benefit the Army.

b. As the development of the ATA progressed, the need was recognized to incorporate the requirements of weapon systems. Due to the nature of embedded and/or real-time systems, the WSTAWG was tasked with developing the Weapon Systems Technical Architecture (WSTA), an extension to the ATA, to recommend modifications and extensions to the ATA which would better satisfy these requirements. In ATA version 4.0, the weapon system domain was recognized and Appendix F created as a vehicle to contain standards unique to weapon systems and augment the core set of ATA mandates.

4. **SCOPE.** The WSTAWG effort will apply to all Army weapon systems. A weapon system is defined as a combination of one or more weapons with all related equipment, materials, services, personnel, and means of delivery and deployment required for self-sufficiency (Joint Pub 1-02). Specifications and standards identified/developed by the WSTAWG will form the basis of an appendix in the ATA.

5. **MISSION.** The WSTAWG will support the Technical Architect of the Army through the Director of Information Systems for C4 (DISC4) and the Military Deputy for the Assistant Secretary of the Army (RDA) to identify, develop and maintain unique information specifications and standards that apply to the development and upgrade, where appropriate, of all Army weapon systems. This mission statement recognizes that weapon systems contain, are serviced by, and must interoperate with the command, control, communication and intelligence (C3I) systems. The WSTAWG must ensure that a set of specifications and standards are selected and maintained to further the objectives of the ATA.

6. **ORGANIZATION.**

a. Chairperson- The chairperson will be appointed by AMC HQ and will report to the DISC4 and MilDep ASA (RDA).

b. Executive Steering Committee- The executive steering committee will be comprised of one representative from each of the weapons Program Executive Officers (PEOs), one representative of DISC4, one representative of AMC HQ, one representative of DCSOPS (DAMO-FD), and one representative of SARDA. The WSTAWG may adjust membership as required.

c. WSTAWG Members- Members of the WSTAWG will consist of one representative from each AMC subordinate command Research, Development, and Engineering Centers (RDECs), primarily performing weapon system R&D. The WSTAWG may adjust membership as required.

d. Observers- Observers may participate from other government organizations with an interest in WSTAWG activities.

7. **PROCEDURES.**

a. The WSTAWG will coordinate with all Army organizations and activities. Coordination, regarding ATA development, with non-Army organizations and activities will be through the DISC4 or the MilDep ASA (RDA), however, this shall not preclude membership of a WSTAWG representative in non-Army organizations and activities.

b. The WSTAWG will coordinate and provide input to the ATA Configuration Management Board.

c. The WSTAWG will provide quarterly progress reports to the Executive Steering Committee (ESC), the DISC4, and the MilDep ASA (RDA). The ESC will provide guidance to the WSTAWG when consensus cannot be reached regarding proposed standards.

d. Standards and specifications applied to the Army weapons domain will be identified by consensus of the members of the WSTAWG. In the event consensus is not reached concerning a standard, the standard may be applied to sub-domains where agreed to by the appropriate WSTAWG member(s) and PEO(s).

e. Meetings will be held on a regular, periodic basis as agreed to by the chairperson and members. The chairperson is responsible for setting the agenda, announcing the meeting, and providing minutes of the meeting.

8. **PRODUCTS.**

a. Produce extensions to TAFIM/TRM to accommodate the requirement of embedded real-time systems in order to provide a common framework for software development and systematic software reuse.

b. Identify a minimum set of standards unique to weapons domain and provide them to the ATA Configuration Management Board in the form of an appendix for inclusion into subsequent versions of the ATA.

FUNDING. Funding sources for execution will be determined separately.

10. **CHARTER REVIEW**. This charter will expire in three years from date of signature. The charter may be reviewed by the chairperson, the Executive Steering Committee, and the members on a yearly basis for suitability.

Gilbert F. Decker
Assistant Secretary of the Army
(Research, Development and Acquisition)
Date 25 JUL 1996

Johnnie E. Wilson
Commanding General
US Army Materiel Command
Date 19 Sep 96